BLACK BOX®
NETWORK SERVICES

© 2007. All rights reserved. Black Box Corporation.

FREE 24-hour Tech Support: 724-746-5500
blackbox.com

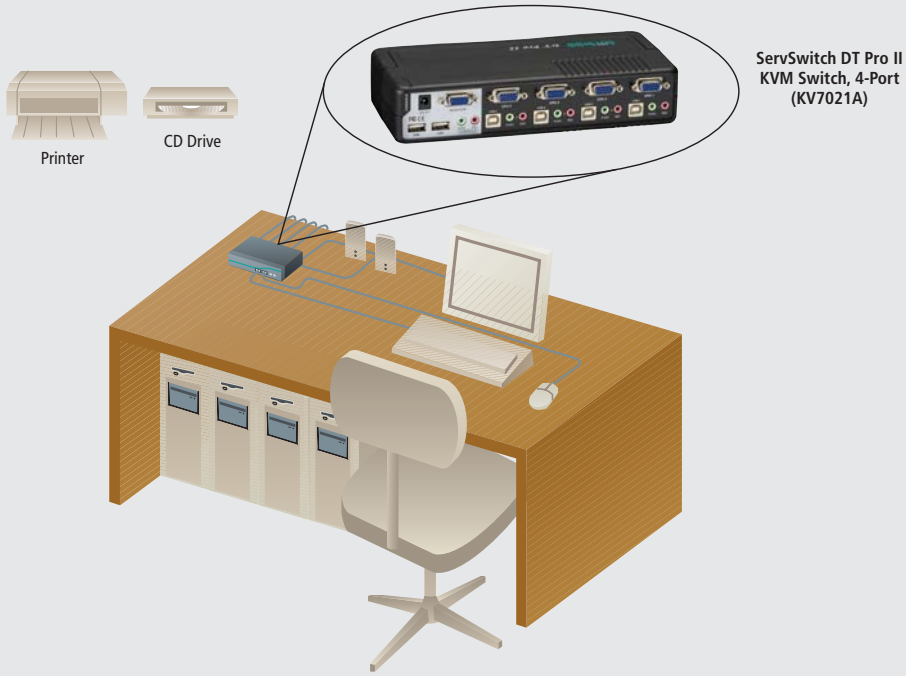
ServSwitch DT Pro II KVM Switch

Use our most versatile desktop switch to control multiple PS/2 or USB CPUs and their KVM connections.

FEATURES

- Supports 1920 x 1440 maximum resolution.
- Choose from push button or hotkey switching.
- Integral LEDs on push buttons show port activity.
- Provides audio connections.
- Enables USB 2.0 peripheral switching.
- AutoScan function enables you to automatically scan and monitor attached computers.
- Works with Windows® 98/Me/XP, Windows 2000, Windows NT®, Linux®, NetWare®, and Mac® OS operating systems.

Typical application



OVERVIEW

Control and switch multiple PS/2 or USB CPUs and their keyboard, video, mouse, and audio connections with the ServSwitch DT Pro II KVM switch. Link PS/2 KVM to PS/2 CPUs, USB KVM to PS/2 CPUs, PS/2 KVM to USB CPUs, or USB KVM to USB CPUs. Plus, you can connect audio and USB peripherals to the KVM switch.

The ServSwitch DT Pro II provides superior video resolution (up to 1920 x 1440) and crystal-clear audio. Choose from two ways to switch your KVM and CPUs and USB peripherals: via front-panel buttons or PC hotkeys.

Simply press the front-panel button that corresponds to the CPU you want to switch or use hotkeys to start AutoScan. The AutoScan function enables you to automatically scan and monitor all computers, one by one, that are connected to the ServSwitch.

Use hotkeys to select or switch channels, bind or unbind switching, or to start or stop autoscan. You can:

- select PC channel.
- select hub port control.
- select audio and microphone channel.
- bind PC and hub port control switching.
- unbind PC and hub port control switching.
- bind PC and audio/microphone switching.
- unbind PC and audio/microphone switching.
- switch to next lower PC channel.
- switch to next higher PC channel.
- previous PC channel.
- turn beep sound on/off.
- define hotkey switch to preceding sequence.
- start autoscan.
- start autoscan with programmable delay time.
- stop autoscan.

The ServSwitch DT Pro II supports Microsoft® IntelliMouse® and other mice. The unit's USB ports comply with the USB 2.0 standard.

What's more, the ServSwitch DT Pro II is compatible with many common operating systems, including Windows 98/Me/XP, Windows 2000, Windows NT, Linux, NetWare, and Mac OS.

KV7020A

KV7021A

TECH SPECS

Hotkeys — Yes
Resolution — 1920 x 1440
Supported Operating Systems — Windows 98/Me/2000/XP and Windows NT, Linux, NetWare, Mac OS
User Controls — KV7020A, KV7020A-K: (2) port selection buttons; KV7021A, KV7021A-K: (4) port selection buttons
Connectors — KV7020A, KV7020A-K: Computer end: PS/2® keyboard, PS/2 mouse,
VGA video: (2) HD15 F, USB keyboard, mouse, and peripherals: (2) USB Type B F,
Microphones/speakers: (4) 3.5-mm jacks;
Console end: Keyboard: (1) 6-pin mini DIN F or (1) USB Type A F,
Mouse: (1) 6-pin mini DIN F or (1) USB Type A F,
Monitor: (1) HD15 F,
USB peripherals: (2) USB Type A F,
Microphone/speaker: (2) 3.5-mm jacks,
Power: (1) barrel connector;
KV7021A, KV7021A-K: Computer end: PS/2 keyboard, PS/2 mouse, and VGA video: (4) HD15 F,
USB keyboard, mouse, and peripherals: (4) USB Type B F,
Microphones/speakers: (8) 3.5-mm jacks;
Console end: Keyboard: (1) 6-pin mini DIN F or (1) USB Type A F,
Mouse: (1) 6-pin mini DIN F or (1) USB Type A F,
Monitor: (1) HD15 F,
USB peripherals: (2) USB Type A F,
Microphone/speaker: (2) 3.5-mm jacks,
Power: (1) barrel connector
Indicators — KV7020A, KV7020A-K: (2) Port LEDs, (2) Hub LEDs; KV7021A, KV7021A-K: (4) Port LEDs, (4) Hub LEDs
Temperature Tolerance — Operating: +32 to +104° F (0 to 40° C); Storage: -4 to +140° (-20 to +60°C)
Relative Humidity — Up to 80%, noncondensing
Power — 9-VDC power supply
Size — KV7020A, KV7020A-K: 1.8"H x 5.4"W x 3.5"D (4.5 x 13.8 x 9.1 cm); KV7021A, KV7021A-K: 1.8"H x 8.7"W x 4.1"D (4.5 x 22 x 10.5 cm)
Weight — KV7020A, KV7020A-K: 1.8 lb. (0.8 kg); KV7021A, KV7021A-K: 2 lb. (0.9 kg)

WHAT'S INCLUDED

KV7020A, KV7021A:

- 2- or 4-Port ServSwitch DT Pro II KVM Switch
- Stand
- Power supply for U.S., Europe, Great Britain, and Australia
- User's manual

KV7020A-K, KV7021A-K:

- 2- or 4-Port ServSwitch DT Pro II KVM Switch
- (2) or (4) 6-ft. ServSwitch DT Pro II Cables (EHN7002021-0006)
- Stand
- Power supply for U.S., Europe, Great Britain, and Australia
- User's manual

Technically Speaking

Before the ServSwitch.

Before the introduction of the ServSwitch, accessing more than one CPU from a single keyboard, monitor, and mouse was problematic. Keyboard/video (KV) or keyboard/video/mouse (KVM) switches frequently caused CPUs to lock up because the CPUs weren't always receiving the signals they expected from the keyboard. Managing server farms was a nuisance because either each server needed its own keyboard, monitor, and mouse, or it was subject to frequent rebooting if used with a KVM switch.

The BLACK BOX® ServSwitch™ KVM Switch changed all that. The ServSwitch enables frequent switching between multiple CPUs (up to 3000!) without the danger of CPUs locking up. That's because the ServSwitch is built with sophisticated circuitry that keeps feeding each CPU the keyboard and mouse signals it expects.

We recommend a BLACK BOX® ServSwitch™ KVM Switch as the most reliable switching solution for all KVM applications. We have ServSwitch products and accessories for everything from a simple desktop application to managing all the servers in your enterprise network.

Simplify and save with BLACK BOX® ServSwitch™ Technology!

Item	Code
ServSwitch DT Pro II KVM Switch	
2-Port	**KV7020A**
4-Port	**KV7021A**
ServSwitch DT Pro II KVM Switch Kits	
2-Port	**KV7020A-K**
4-Port	**KV7021A-K**
Remember to order cables…	
ServSwitch DT Pro II Cable	
6-ft. (1.8-m)	**EHN7002021-0006**
9-ft. (2.7-m)	**EHN7002021-0009**
15-ft. (4.5-m)	**EHN7002021-0015**